

Converting Colors

Hex(409591)

Have a look what the booklet for
Hex(409591) contains.

Hex(409591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(409591)

Conversions

Conversions Part 1

Format	Color
Hex	409591
RGB	64, 149, 145
RGB Percent	25%, 58%, 57%
CMY	0.7490, 0.4157, 0.4314
CMYK	0.57, 0.00, 0.03, 0.42
HSL	177°, 40%, 42%
HSV	177°, 57%, 58%
XYZ	17.9726, 24.6292, 30.5947
YIQ	123.1290, -49.3760, -19.2640

Conversions

Conversions Part 2

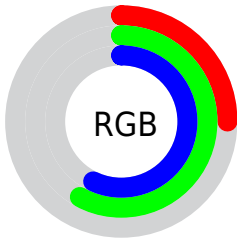
Format	Color
R _{YB}	64, 108, 149
Decimal	4232593
CIE _{Lab}	56.71, -26.43, -5.63
CIE _{LCh}	57, 27.022, 192.026
Y _{xy}	24.6292, 0.2455, 0.3365
Android (android.graphics.Color)	4282422673 (0xFF409591)
Y _{UV}	123.1290, 10.7824, -51.8561
Hunter-Lab	49.6278, -22.2052, -1.8118

Details

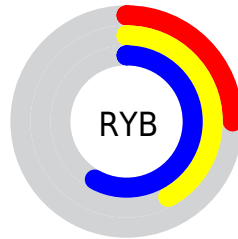
The Hex color **409591** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **954044**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **78CBC7**, and **00625F** is the 20% darker color. If you saturate the color by 10%, you get **319590**, and if you desaturate by 10%, it is **4F9592**.

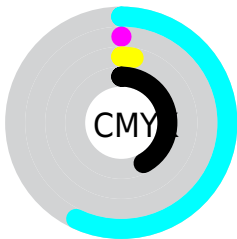
Distribution



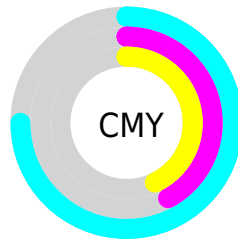
- Red (25%)
- Green (58%)
- Blue (57%)



- Red (25%)
- Yellow (42%)
- Blue (58%)



- Cyan (57%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (75%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409591 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 409591 by changing the saturation by 10% instead.


 409591

 409591

FFFFFF

 207B77

 78CBC7

 00625F

 94E8E3

 004A47

 B0FFFF

 003231

 CDFFFF


 001F1C

 EAFFFF

 000000

 409591

 409591

 319590

 4F9592

 229590

 5E9592

13958F

6D9593

04958E

7C9594

00958E

8B9595

999595

A89596

B79597

C69597

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



599479



409591



3B93A7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



409591



977FAB



A5825C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



409591



954044

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B37A6A



409591



AD7897

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



409591



7787B6



B7767F



8F8A5A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



409591



4990B1



B7767F



AB7F5F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



409591



A1C2C0



449540



4E6160



E0E0E0



616161

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



409591



3EC2BC



406F95



434A4A



008A83



000A0A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



954044



C23E44



956640



4A4343



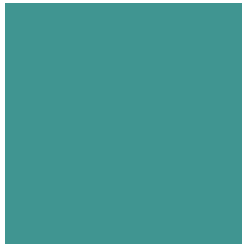
8A0006



0A0000

Previews

White Background



This preview shows how the Hex color 409591 looks on a white background.

Color Contrast Check

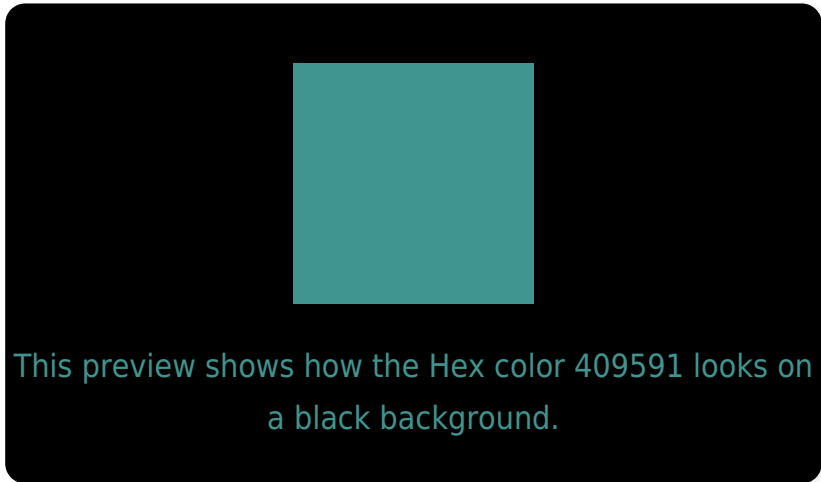
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

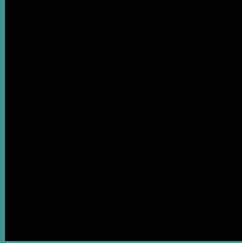
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 409591 Background



This preview shows how black text looks on a background with the Hex color 409591.

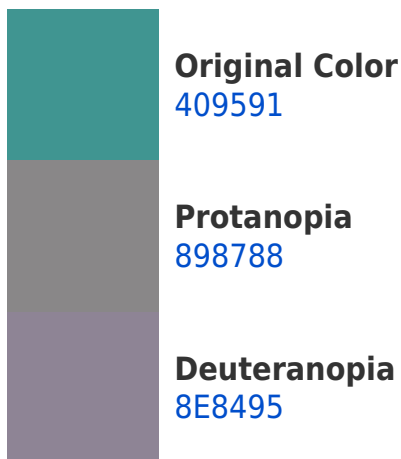



This preview shows how white text looks on a background with the Hex color 409591.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
45939F

Trichromacy



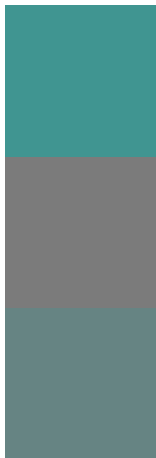
Original Color
409591

Protanomaly
6E8C8B

Deuteranomaly
728A94

Tritanomaly
43949A

Monochromacy



Original Color
409591

Achromatopsia
7B7B7B

Achromatomaly
668483

CSS Examples

Text

The CSS property to change the color of the text to Hex 409591 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #409591 looks like.

```
.text, #text, p{  
    color:#409591  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #409591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409591
}
```

Border

The CSS property to change the border of an element to Hex 409591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#409591 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#409591 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #409591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409591; -webkit-box-shadow:4px 4px  
4px 4px #409591; box-shadow:4px 4px 4px  
4px #409591 }
```

Background

The CSS property to change the background color of an element to Hex 409591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409591 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#409591 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor